Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

VOLUME 46.

1. GRAGG, F. A. — A Study of the Greek Epigram before 300 B.C. pp. 1–62. September, 1910. $1.25.
2. HURWITZ, S. H. — The Reactions of Earthworms to Acids. pp. 65–81. September, 1910. 40c.
3. PEIRCE, B. O. — The Magnitude of an Error which sometimes affects the Results of Magnetic Tests upon Iron and Steel Rings. pp. 83–93. September, 1910. 30c.
4. EVANS, G. C. — Note on Kirchhoff's Law. pp. 95–106. September, 1910. 25c.
5. TOLMAN, R. C. — The Electromotive Force produced in Solutions by Centrifugal Action. pp. 107–146. September, 1910. 65c.
6. CARPENTER, F. W. — Feeding Reactions of the Rose Coral (*Isophyllia*). pp. 147–162. 1 pl. October, 1910. 30c.
7. LEWIS, G. N. — On Four-Dimensional Vector Analysis, and Its Application in Electrical Theory. pp. 163–181. October, 1910. 35c.
8. PEIRCE, B. O. — The Resistivity of Hardened Cast Iron as a Measure of its Temper and of its Fitness for use in Permanent Magnets. pp. 183–204. 1 pl. October, 1910. 40c.
9. PEIRCE, B. O. — The Magnetic Permeabilities at Low Excitations of two kinds of Very Pure Soft Iron. pp. 205–212. October, 1910. 25c.
10. BAXTER, G. P., and CHAPIN, H. C. — A Revision of the Atomic Weight of Neodymium. First Paper — The Analysis of Neodymium Chloride. pp. 213–244. November, 1910. 50c.
11. THOMPSON, M. D., and LOMBARD, R. H. — (LIV.) On the Equilibrium of the System consisting of Calcium Carbide, Calcium Cyanamide, Carbon, and Nitrogen. pp. 245–270. November, 1910. 45c.
12. JEFFREY, E. C. — The Nature of Some Supposed Algal Coals. pp. 271–290. 5 pls. December, 1910. 80c.
13. PIERCE, G. W. — Theory of Coupled Circuits, under the Action of an Impressed Electromotive Force, with Applications to Radiotelegraphy. pp. 291–322. January, 1911. 50c.
14. BRIDGMAN, P. W. — The Action of Mercury on Steel at High Pressures. pp. 323–341. 1 pl. January, 1911. 35c.
15. MOORE, C. L. E. — Infinitesimal Properties of Lines in S_4 with Applications to Circles in S_3. pp. 343–362. January, 1911. 35c.
16. PHILLIPS, H. B. — The Indeterminate Product. pp. 363–370. January, 1911. 20c.
17. KENNELLY, A. E. — Vector-Diagrams of Oscillating-Current Circuits. pp. 371–421. 65c.
18. BUCKINGHAM, E. N. — Division of Labor among Ants. pp. 423–508. 1 pl. March, 1911. $1.25.
19. RICHARDS, T. W., and MATHEWS, J. H. — A Method for Determining Heat of Evaporation as applied to Water. pp. 509–538. April, 1911. 45c.
20. PEIRCE, B. O. — The Effects of Sudden Changes in the Inductances of Electric Circuits as illustrative of the Absence of Magnetic Lag and of the Von Waltenhofen Phenomenon in Finely Divided Cores. Certain Mechanical Analogies of the Electrical Problems. pp. 539–585. 1 pl. April, 1911. 80c.
21. MORSE, H. W., and SARGENT, L. W. — The Internal Resistance of the Lead Accumulator. pp. 587–612. April, 1911. 50c.
22. HAYES, H. V. — Notes on the Electrical Conductivity of Argentic Sulphide. pp. 613–621. April, 1911. 20c.
23. HALL, E. H., and CAMPBELL, L. L. — On the Electromagnetic and the Thermomagnetic Transverse and Longitudinal Effects in Soft Iron. pp. 623–668. April, 1911. 70c.
24. BELL, L. — On the Opacity of Certain Glasses for the Ultra-Violet. pp. 669–680. 2 pls. April, 1911. 30c.
25. Records of Meetings; Officers and Committees; List of Fellows and Foreign Honorary Members; Statutes and Standing Votes, etc.

(Continued on page 2 of Cover.)

PUBLICATIONS

OF THE

AMERICAN ACADEMY OF ARTS AND SCIENCES.

MEMOIRS. OLD SERIES, Vols. 1–4; NEW SERIES, Vols. 1–13. 16 volumes, $10 each. Half volumes, $5 each. Discount to booksellers 25%; to members 50%, or for whole sets 60%.

Vol. 11. PART 1. Centennial Celebration. 1880. pp. 1–104. 1882. $2.00.
PART 2. No. 1. Agassiz, A. — The Tortugas and Florida Reefs. pp. 105–134. 12 pls. June, 1885. (Author's copies, June, 1883.) $3.00.
PART 3. Nos. 2–3. Searle, A. — The Apparent Position of the Zodiacal Light. pp. 135–157 *and* Chandler, S. C. — On the Square Bar Micrometer. pp. 158–178. October, 1885. $1.00.
PART 4. No. 4. Pickering, E. C. — Stellar Photography. pp. 179–226. 2 pls. March, 1886. $1.00.
PART 4. No. 5. Rogers, W. A., and Winlock, Anna. — A Catalogue of 130 Polar Stars for the Epoch of 1875.0, resulting from the available Observations made between 1860 and 1885, and reduced to the System of the Catalogue of Publication XIV of the Astronomische Gesellschaft. pp. 227–300. June, 1886. 75c.
PART 5. No. 6. Langley, S. P., Young, C. A., and Pickering, E. C. — Pritchard's Wedge Photometer. pp. 301–324. November, 1886. 25c.
PART 6. No. 7. Wyman, M. — Memoir of Daniel Treadwell. pp. 325–523. October, 1887. $2.00.

Vol. 12. 1. Sawyer, E. F. — Catalogue of the Magnitudes of Southern Stars from 0° to —30° Declination, to the Magnitude 7.0 inclusive. pp. 1–100. May, 1892. $1.50.
2. Rowland, H. A. — On a Table of Standard Wave Lengths of the Spectral Lines. pp. 101–186. December, 1896. $2.00.
3. Thaxter, R. — Contribution towards a Monograph of the Laboulbeniaceæ. pp. 187–430. 26 pls. December, 1896. $6.00.
4. Lowell, P. — New Observations of the Planet Mercury. pp. 431–466. 8 pls. June, 1898. $1.25.
5. Sedgwick, W. T., and Winslow, C. E. A.—(I.) Experiments on the Effect of Freezing and other low Temperatures upon the Viability of the Bacillus of Typhoid Fever, with Considerations regarding Ice as a Vehicle of Infectious Disease. (II.) Statistical Studies on the Seasonal Prevalence of Typhoid Fever in various Countries and its Relation to Seasonal Temperature. pp. 467–579. 8 pls. August, 1902. $2.50.

Vol. 13. 1. Curtiss, D. R. — Binary Families in a Triply connected Region, with Especial Reference to Hypergeometric Families. pp. 1–60. January, 1904. $1.00.
2. Tonks, O. S. — Brygos: his Characteristics. pp. 61–119. 2 pls. November, 1904. $1.50.
3. Lyman, T. — The Spectrum of Hydrogen in the Region of Extremely Short Wave-Length. pp. 121–148. pls. iii-viii. February, 1906. 75c.
4. Pickering, W. H. — Lunar and Hawaiian Physical Features Compared. pp. 149–179. pls. ix–xxiv. November, 1906. $1.10.
5. Trowbridge, J. — High Electro-motive Force. pp. 181–215. pls. xxv–xxvii. May, 1907. 75c.
6. Thaxter, R. — Contribution toward a Monograph of the Laboulbeniaceæ. Part II. pp. 217–469. pls. xxviii–lxxi. June, 1908. $7.00.

PROCEEDINGS. Vols. 1–43, $5 each. Discount to booksellers 25%; to members 50%, or for whole sets 60%.

The individual articles may be obtained separately. A price list of recent articles is printed on the inside pages of the cover of the Proceedings.

Complete Works of Count Rumford. 4 vols., $5.00 each.

Memoir of Sir Benjamin Thompson, Count Rumford, with Notices of his Daughter. By George E. Ellis. $5.00.

Complete sets of the Life and Works of Rumford. 5 vols., $25.00; to members, $5.00.

For sale at the Library of THE AMERICAN ACADEMY OF ARTS AND SCIENCES, 28 Newbury Street, Boston, Massachusetts.